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MOFREH

Last Name*

GHABOUR

E-mail Address*

mofrehmelad@zu.edu.eg

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Personal Information

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Title *	Associate Professor	(Mr., Mrs., Dr., etc.)
First Name *	MOFREH	
Middle Name	NASSIEF	
Last Name *	GHABOUR	
Degree	Associate Professor	(Ph.D., M.D., Jr., etc.)
Preferred Name	GHABOUR	(nickname)
Primary Phone *	0020227863861	(including country code)
Secondary Phone	00201001498145	(including country code)
Secondary Phone is for	☒ Mobile ☐ Beeper ☐ Home ☐ Work ☐ Admin. Asst.	
Fax Number		(including country code)
E-mail Address *	mofrehmelad@zu.edu.eg	

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Institution Related Information

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Position	Associate Professor
Institution	faculty of engineering Zagazig University
Department	power mechanical engineering
Street Address *	Egypt
	Eastern Province
	Zagazig
	Zagazig University
City *	Zagazig
State or Province	Eastern
Zip or Postal Code	44519
Country *	EGYPT
Address is for *	Work ☒ Home ☐ Other ☐
Available as a Reviewer?	Yes ☐ No ☒

Choose A User Name

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	Zagazig University
City *	Zagazig
State or Province	Eastern
Zip or Postal Code	44519
Country *	EGYPT
Address is for *	Work ☒ Home ☐ Other ☐
Available as a Reviewer?	Yes ☐ No ☒

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First Name: **MOFREH**
Last Name: **GHABOUR**
Username: **mofrehmelad**
Email Address: **mofrehmelad@zu.edu.eg**
Country: **EGYPT**

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New Submissions

[Submit New Manuscript](#)

Submissions Sent Back to Author (0)

Incomplete Submissions (0)

Submissions Waiting for Author's Approval (0)

Submissions Being Processed (0)

Revisions

Submissions Needing Revision (0)

Revisions Sent Back to Author (0)

Incomplete Submissions Being Revised (0)

Revisions Waiting for Author's Approval (0)

Revisions Being Processed (0)

Declined Revisions (0)

Completed

Submissions with a Decision (0)

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None

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Book Review

Conference Report

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Full Title

EVALUATION OF ELECTRICITY CONSUMPTION OF
A RESIDENTIAL FLAT IN EGYPT

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Academic Degree(s)

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E-mail Address

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First Author Corresponding Author	MOFREH	NASSIEF	GHAPOUR	Associate Professor	faculty of engineering Zagazig University	mofrehmelad@zu.edu.eg

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Abstract

Energy saving is one of the very important demands in our world .The aim of this paper is to evaluate the annual electrical energy consumption of a residential flat in EGYPT and how to reduce it. .This evaluation includes the compatibility of a flat for the Egyptian code requirements of the residential buildings . This flat is of total area 160 m2 with one façade openings. A software package Visual-Doe 4.0 was used for this analysis. Three different climatic regions were used for this analysis, Cairo, Alexandria and Aswan cities with different weather conditions(due to their geography location on latitude 30.1, 31.2 and 24 respectively). The study includes the effect of insulation thickness and air conditioning

[Previous](#)

[Next](#)

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- ✓ [Select Article Type](#)
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Keywords: HVAC systems; electricity consumption; energy efficiency; thermal insulation ,Egyptian energy code.

[Previous](#) [Next](#)



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✓ [Enter Title](#)

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Energy saving is one of the very important demands in our world .The aim of this paper is to evaluate the annual electrical energy consumption of a residential flat in EGYPT and how to reduce it. .This evaluation includes the compatibility of a flat for the Egyptian code requirements of the residential buildings . This flat is of total area 160 m2 with one façade openings. A software package Visual-Doe 4.0 was used for this analysis. [

[Previous](#)

[Next](#)

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[Frequently Asked Questions](#)

- ✓ [Select Article Type](#)
- ✓ [Enter Title](#)
- [Add/Edit/Remove Authors](#)
- ✓ [Submit Abstract](#)
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Item	Description	File Name:
*Cover Letter	*Cover Letter	
*Highlights (for review)	*Highlights (for review)	
*Manuscript	*Manuscript	
Graphical Abstract (for review)	Graphical Abstract (for review)	
Figure	Figure	
Table	Table	
Electronic Annex	Electronic Annex	
Video	Video	
Video Still	Video Still	

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1	*Cover Letter ▼	Cover Letter	cover letter.doc	22.5 KB	Oct 19, 2012	Download Remove
2	*Highlights (for review) ▼	*Highlights (for review)	Highlights.doc	23.5 KB	Oct 20, 2012	Download Remove
3	*Manuscript ▼	*Manuscript	Manuscript.doc	61 KB	Oct 20, 2012	Download Remove
4	Figure ▼	Figure	Figure.doc	2.1 MB	Oct 20, 2012	Download Remove
5	Table ▼	Table	Table.doc	777.5 KB	Oct 20, 2012	Download Remove
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[Previous](#)

[Next](#)

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Order	Description	File Name	Size
1	Cover Letter	cover letter.doc	22 KB
2	*Highlights (for review)	Highlights.doc	23 KB
3	*Manuscript	Manuscript.doc	61 KB
4	Figure	Figure.doc	2 MB
5	Table	Table.doc	777 KB

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[Previous](#)

[Next](#)

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[Frequently Asked Questions](#)

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- ☒ [Enter Title](#)
- ☐ [Add/Edit/Remove Authors](#)
- ☒ [Submit Abstract](#)
- ☒ [Enter Keywords](#)
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	Online	Offline		Online	Offline
* Cover Letter	1	0	Graphical Abstract (for review)	0	0
* Highlights (for review)	1	0	* Manuscript	1	0
Figure	1	0	Table	1	0
Electronic Annex	0	0	Video	0	0
Video Still	0	0			

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Page: 1 of 1 (1 total submissions)

Display 10 results per page.

 Action 	Title 	Date Submission Began 	Status Date 	Current Status 	Ethics in Publishing
Action Links	EVALUATION OF ELECTRICITY CONSUMPTION OF A RESIDENTIAL FLAT IN EGYPT	Oct 20, 2012	Oct 20, 2012	Needs Approval	☐ I accept

Page: 1 of 1 (1 total submissions)

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[<< Author Main Menu](#)

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Author's Decision

Thank you for approving "EVALUATION OF ELECTRICITY CONSUMPTION OF A RESIDENTIAL FLAT IN EGYPT".

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[Main Menu](#)

Thank you for your attention

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